

ABSTRACT OF THE DISCLOSURE

A device for determining a reaching of a preset drill hole depth in a drill hole which is drilled by a drilling tool of a drilling apparatus from a workpiece surface in a workpiece, has a measuring unit which is mountable on and dismountable from the drilling apparatus for contactless measurement of an initial distance when a tip of the drilling tool abuts against the workpiece surface, and a unit for computing an instantaneous distance to the workpiece surface as well as computing by a computing and comparing circuit a drilling progress from the measured initial distance and a measured instantaneous distance, and comparing the drilling progress with a preset drill hole depth; a drilling apparatus and a method of drilling use the device.